

Jan Hee SO et al.  
Attorney Docket 98078-88003

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing of claims in the application

Listing of Claims:

Claim 1 (cancelled)

Claim 2 (cancelled)

Claim 3 (cancelled)

Claim 4 (previously presented): In a web page accessing system connecting a client to a specific web page on the network, a web page accessing system, comprising:

a real name database storing matched Internet Protocol (IP) addresses or Uniform Resource Locator (URL) information, and real names on a plurality of web pages;

a real name server, when an access word input from the client is the real name, searching the real name database using the real name, finding a corresponding IP address, and providing the IP address to the client in order for the client to access the web page corresponding to the IP address;

an access database which stores access information including the IP address of the client which accesses the real name server; and

a web server which connects the client to the corresponding web page according to the URL information corresponding to the

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real name input by the client whether or not the IP address of the accessing client is stored in the access database, wherein the real name server, when another real name corresponds to the IP address corresponding to the real name input by the client, provides the IP address of the web server to the client so that the client accesses the web server.

Claim 5 (original): The system of claim 4, wherein the real name server, when another real name corresponds to the IP address corresponding to the real name input by the client, provides the IP address of the web server to the client, and stores a first access information including the IP address of the client and the URL information corresponding to the real name input by the client in the access information database, and the web server, when the IP address of the accessing client is included in the first access information stored in the access information database, connects the client to the corresponding web page according to the URL information included in the first access information.

Claim 6 (original): The system of claim 4, wherein the real name server, when the real name input by the client is not stored in the real name database, provides the IP address of the web server to the client, and stores a second access information including the IP address of the client and the real name input by the client in the access information database, and the system further comprises a search engine which searches and collects various information including the real name on a plurality of the web pages on the network by using the real name included in the second access information as the search word when the IP address of the client is stored in the second access information of the access information database.

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Claim 7 (thrice amended): In a web page accessing system connecting a client to a specific web page on the network, a web page accessing system, comprising:

a real name database storing matched Uniform Resource Locator (URL) information or Internet Protocol (IP) addresses, and real names on a plurality of web pages; and

a web server, when an access word input by the client is a real name, searching the real name database and finding the corresponding URL information using the real name, connecting the client to the corresponding web page according to the URL information and when the corresponding URL information using the real name is not stored in the real name database, searching and collecting various information including the real name from the web pages on the network using the real name as a search word, and providing the information to the client, wherein the client includes a hook module, when the client checks an access word input event and the access word input event occurs, providing the input access word to the web server, wherein the input access word provided to the web server is a real name.

Claim 8 (original): The system of claim 7, wherein the system further comprises an access banning database which stores English domain names on a plurality of the web pages to which access is to be banned, and the web server, when the access word input from the client is the English domain name and is stored in the access banning database, bans the access to the web page corresponding to the access word.

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Claim 9 (previously presented): In a web page accessing system connecting a client to a specific web page on the network, a web page accessing system, comprising:

a real name database storing matched Internet Protocol (IP) addresses or Uniform Resource Locator (URL) information, and real names on a plurality of web pages;

a web server connecting the accessed client to the corresponding web page according to the URL information stored in the real name database; and

a real name server, when the access word input by the client is the real name, providing the IP address of the web server so that the client accesses the web server,

wherein the web server extracting the access word input by the real name server, searching the real name database using the real name to find the corresponding URL information, connecting the client to the corresponding web page according to the URL information, and when the corresponding URL information using the real name is not stored in the real name database, searching and collecting various information including the real name from the web pages on the network using the real name as a search word, and providing the information to the client.

Claim 10 (previously presented): The system of claim 4, wherein when the access word input by the client comprises a dot character, the access word is determined to be the English domain name, and when the access word input by the client does not comprise the dot character, the access word is determined to be the real name.

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Claim 11 (original): The system of claim 7, wherein when the access word input by the client comprises a dot character, the access word is determined to be the English domain name, and when the access word input by the client does not comprise the dot character, the access word is determined to be the real name.

Claim 12 (original): The system of claim 9, wherein when the access word input by the client comprises a dot character, the access word is determined to be the English domain name, and when the access word input by the client does not comprise the dot character, the access word is determined to be the real name.

Claim 13 (previously presented): The system of claim 4, wherein the real name comprises non-English languages and the English language.

Claim 14 (original): The system of claim 7, wherein the real name comprises non-English languages and the English language.

Claim 15 (original): The system of claim 9, wherein the real name comprises non-English languages and the English language.

Claim 16 (original): In a web page accessing system connecting a client to a specific web page on the network, a web page accessing system, comprising:

a local name server, when an access word input from the client is a non-English real name, encoding the real name into an English data format and outputting the encoded real name, and

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when the access word is the English domain name, outputting the input English domain name without any changes;

a real name server providing an Internet Protocol (IP) address corresponding to the real name encoded with the English data format; and

an English domain name server providing the IP address corresponding to the English domain name, and the local name server providing the IP address provided by the real name server or the English domain name server in order for the client to access the web page having the IP address.

Claim 17 (original): The system of claim 16, wherein when the input access word is represented as eight bits and the most significant bit (MSB) is '1', the access word is determined to be the real name, and wherein when the input access word is represented as eight bits and the most significant bit (MSB) is '0', the access word is determined to be the English domain name.

Claim 18 (twice amended): In a web page accessing system connecting a client to a specific web page on the network, a web page accessing system, comprising;

a database storing matched Internet Protocol (IP) addresses, or Uniform Resource Locator (URL) information, and real names on a plurality of web pages; and

a real name server, when an access word input from the client is the real name, searching the real name database using the real name, finding a corresponding IP address, and providing

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the IP address to the client in order for the client to access the web page corresponding to the IP address, wherein the real name server comprises a hierarchical real name server which processes a hierarchical real name including one or more keywords and provides the corresponding IP address; and a single real name server which processes a single real name including one keyword and provides the corresponding IP address.

Claim 19 (original): The system of claim 7, wherein the real name server comprises:

a hierarchical real name server which processes a hierarchical real name including one or more keywords and provides the corresponding IP address; and

a single real name server which processes a single real name including one keyword and provides the corresponding IP address.

Claim 20 (original): The system of claim 9, wherein the real name server comprises:

a hierarchical real name server which processes a hierarchical real name including one or more keywords and provides the corresponding IP address; and

a single real name server which processes a single real name including one keyword and provides the corresponding IP address.

Claim 21 (original): The system of claim 16, wherein the real name server comprises:

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a hierarchical real name server which processes a hierarchical real name including one or more keywords and provides the corresponding IP address; and

a single real name server which processes a single real name including one keyword and provides the corresponding IP address.

Claim 22 (original): The system of claim 18, wherein the hierarchical real name includes one or more keywords divided by a dot character.

Claim 23 (original): The system of claim 18, wherein in the case where the real name which is positioned at the rightmost or leftmost position of the keywords of the hierarchical real name is set to be an upper domain name, the hierarchical real name server sequentially processes the real names from the uppermost domain name and provides the IP address corresponding to the leftmost or rightmost positioned keyword.

Claim 24 (original): The system of claim 22, wherein in the case where the real name which is positioned at the rightmost or leftmost position of the keywords of the hierarchical real name is set to be an upper domain name, the hierarchical real name server sequentially processes the real names from the uppermost domain name and provides the IP address corresponding to the leftmost or rightmost positioned keyword.

Claim 25 (previously presented): In a method for connecting a client to a corresponding web page using a database storing matched Internet Protocol (IP) addresses or Uniform Resource Locator (URL) information, and real names on the web pages on



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the network, a web page accessing method, comprising the steps of:

determining whether an access word input by the client is the real name;

searching the database and finding the IP address or the URL information corresponding to the real name when the access word is the real name; and

providing the IP address or the URL information to the client so that the client accesses the web page corresponding to the IP address or the URL information,

wherein the method further comprises a step of searching and collecting various information including the real name from the web pages on the network using the real name as a search word, and providing the information to the client in the case where the real name input by the client is not stored in the database.

Claim 26 (original): The method of claim 25, wherein the method further comprises a step of connecting the client to the corresponding web page according to the URL information input by the client in the case where another real name corresponds to the IP address corresponding to the real name input by the client.

Claim 27 (twice amended): In a method for connecting a client to a corresponding web page using a database storing matched Uniform Resource Locator (URL) information and real names on the

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web pages on the network, a web page accessing method,  
comprising the steps of:

determining whether an access word input by the client is  
the real name;

searching the database and finding the URL information  
address corresponding to the real name when the access word is  
the real name; and

connecting the client to the corresponding web page  
according to the URL information corresponding to the real name  
input by the client, wherein the method further comprises a step  
of searching and collecting various information including the  
real name from the web pages on the network using the real name  
as a search word, and providing the information to the client in  
the case where the real name input by the client is not stored  
in the database.

Claim 28 (twice amended): In a web page accessing method of a  
system comprising: a real name database storing matched Internet  
Protocol (IP) addresses, or Uniform Resource Locator (URL)  
information, and real names on the web pages on the network; a  
real name server providing the IP address to clients; and a web  
server connecting the client to a specific web page, a web page  
accessing method, comprising the steps of:

the real name server providing the IP address of the web  
server to the client when the access word input by the client is  
the real name;

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the web server extracting the access word input to the real name server by the client when the client is accessed;

searching the real name database and finding the URL information corresponding to the real name in the case where the extracted access word is the real name; and

connecting the client to the corresponding web page according to the URL information, wherein the method further comprises a step of searching and collecting various information including the real name from the web pages on the network using the real name as a search word, and providing the information to the client in the case where the real name input by the client is not stored in the database.

Claim 29 (cancelled).

Claim 30 (cancelled)

Claim 31 (cancelled)

Claim 32 (original): In a method for connecting a client to a corresponding web page using a real name server and an English domain name server providing corresponding Internet Protocol (IP) addresses corresponding to the web pages on the network by processing non-English real names and English domain names, a web page accessing method, comprising the steps of:

(a) determining whether an access word input from the client is the non-English real name or the English domain name;

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(b) encoding the real name with an English data format when the access word is the real name;

(c) providing the encoded real name to the real name server to request a corresponding IP address;

(d) providing the English domain name to the English domain name server to request a corresponding IP address when the access word is the English domain name; and

(e) providing the IP address provided by the real name server or the English domain name server to the client so that the client accesses the web page corresponding to the IP address.

Claim 33 (original): The method of claim 32, wherein in the step (a), when the access word input by the client is represented in eight bits and the most significant bit (MSB) is '1', the access word is determined to be the real name, and when the access word input by the client is represented in eight bits and the most significant bit (MSB) is '0', the access word is determined to be the English domain name.

Claim 34 (original): The method of claim 25, wherein the method further comprises a step of sequentially processing the keywords of the hierarchical real name from the keyword positioned at the rightmost or the leftmost position, and providing the IP address corresponding to the leftmost or the rightmost positioned keyword of the keywords to the client.

Claim 35 (previously presented): The method of claim 32, wherein the method further comprises a step of sequentially processing the keywords of the hierarchical real name from the keyword

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positioned at the rightmost or the leftmost position, and providing the IP address corresponding to the leftmost or the rightmost positioned keyword of the keywords to the client, in the case where the access word input by the client is a hierarchical real name comprising one or more keywords, and the keyword is divided by a dot character.

Claim 36 (previously presented): In a web page accessing system connecting a client to a specific web page on the network, a web page accessing system, comprising:

a real name database storing matched Internet Protocol (IP) addresses or Uniform Resource Locator (URL) information, and real names on a plurality of web pages;

a real name server, when an access word input from the client is the real name, searching the real name database using the real name, finding a corresponding IP address or URL information, and providing the IP address or the URL information to the client in order for the client to access the web page corresponding to the IP address or the URL information; and

a web server, when the corresponding IP address or URL information using the real name is not stored in the real name database, searching and collecting various information including the real name from the web pages on the network using the real name as a search word, and providing the information to the client.